

Koch, Kristine

From: Gene Revelas <grevelas@integral-corp.com>
Sent: Tuesday, July 23, 2013 1:20 PM
To: Koch, Kristine
Cc: Sandy Browning; 'James McKenna'; 'Jennifer Woronets'
Subject: Revised Surface Water figure examples, Section 5.3
Attachments: 2011-08-29_DF RI_Figure 5.3-20.pdf; Revised Surface Water Figure examples.pptx

Hi Kristine –

The “examples” file attached provides the revised surface water histograms in the format you requested. Page 1 is a log scale and page 2 is a linear scale of the same data. Comparing the two presentations, we feel strongly that the log scale is misleading as it visually overestimates the contribution of the dissolved fraction compared with linear view. So we would like to generate these in linear scale and if you want to show more detail at low concentrations, we can generate a zoom-in “b” panel as needed on an analyte-by-analyte basis. We do not feel strongly about the need for the zoomed-in displays.

I’ve also attached an example of the original Draft Final RI figure (5.3-20) to allow direct comparison of the original and revised formats. By binning the data by RM, we lose information on the small-scale heterogeneity inherent in the data set. For the section 5 site-wide discussion of spatial and temporal trends, this may be okay. However, for some analytes, e.g., total DDx, the Draft Final RI Figure (see 5.3-59) is called also out in Section 10, see DF RI pages 10-63/64. We may need to re-evaluate whether the revised format Section 5.3 figures are adequate to support the Section 10 CSM narratives when that section is reviewed.

Please let us know if the revised Surface Water figure format in linear scale works for you, or let’s discuss as soon as convenient.

Thanks,

Gene

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